



PATENT  
Express Mail No. EV 410 059 845 US  
Attorney Docket No. 1228/US/1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Paul J. CORNAY et al.

Appln. No.: 09/828,296

Filed: April 6, 2001

For: CONCENTRIC TUBULAR CENTRIFUGE

Examiner: Charles E. Cooley

Art Unit: 1723

Confirmation No.: 7758

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**Under 37 C.F.R. §§ 1.97(b)(4) and 1.98**

Sir:

Pursuant to 37 C.F.R. § 1.97, the Examiner is requested to consider the reference noted on the enclosed Form PTO-1449 during examination of the above-identified patent application. These references are submitted for the Examiner's consideration and are submitted pursuant to the duty of disclosure under 37 C.F.R. § 1.56. In submitting these references, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality. Copies of the references are provided herewith.

The seven Japanese patents provided are not in the English language; however, a concise description from the records of the Japanese Patent Office is attached to each patent.

This information disclosure statement is being filed pursuant to 37 C.F.R. § 1.97(b)(4), before the issuance of a first Office action after filing the accompanying request for continued examination filed herewith. Accordingly, pursuant to 37 C.F.R. § 1.97(b)(4), no fees are due with respect to this filing. However, should any fees be deemed necessary, such fees may be charged to Deposit Account No. 04-1415.



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If the examiner has any questions, please contact the undersigned attorney.

Dated: January 13, 2004

Respectfully submitted,



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Enclosures

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<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> <b>1228/US/1</b>	<b>SERIAL NO.</b> <b>09/828,296</b>
	<b>APPLICANT:</b> <b>Paul J. CORNAY et al.</b>	<b>CONFIRMATION NO.:</b> <b>7758</b>
	<b>FILING DATE</b> <b>April 6, 2001</b>	<b>GROUP ART UNIT:</b> <b>1723</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	5,045,202	09/03/1991	Stearns et al.	210	628	
	2.	5,132,025	07/21/1992	Hays	210	758	
	3.	5,928,522	07/27/1999	Conaway	210	759	

EXAMINER INITIAL		PUBLICATION NUMBER	PUBLICATION DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATIONS**

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	4.	00545683/EP B1	07/03/1996	Europe				
	5.	00928227/EP B1	01/08/2003	Europe				
	6.	57004299 JP	01/09/1982	Japan				
	7.	58034098 JP	02/28/1983	Japan				
	8.	58095589 JP	06/07/1983	Japan				
	9.	58205591 JP	11/30/1983	Japan				
	10.	62007489 JP	01/14/1987	Japan				
	11.	03293097 JP	12/24/1991	Japan				
	12.	05068980 JP	03/23/1993	Japan				
	13.	GB 1526129	09/27/1978	United Kingdom				
	14.	1999025497/WO	05/27/1999	PCT				
	15.	2001005498/WO	01/25/2001	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

16.	[No author], "Jet mixers for agitating large storage tanks," <i>Chem. Eng (Int. Ed.)</i> , Vol. 96, No. 1, January 16, 1989, pp. 133.
17.	Butcher, C., "Liquid waste solutions," <i>Chemical Engineer (Rugby-UK)</i> , No. 551, October 14, 1993, pp. s27.
18.	Min, K. S. et al., "Advanced treatment of piggery wastewater by MAP, precipitation, and ozone oxidation process using pilot plant," <i>Journal of Korea Solid Wastes Engineering Society</i> , Vol. 15, No. 6, September 1998, pp. 644-652.
19.	Serenio, D. J. et al., "Dewatered sludge storage emissions control using multistage wet scrubbing," <i>Water Environment Research</i> , Vol. 65, No.1, 1993, pp. 66-72.
20.	Theriault, Y. et al., "The effect of chemical, physical and enzymatic treatments on the dewatering of tar sands tailings," <i>Fuel</i> , Vol. 74, No. 9, September 1995, pp. 1404-1412.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.